Title (en)

ABSORBENT INTERLABIAL DEVICE HAVING PLEATED STRUCTURE

Title (de)

ABSORBIERENDER INTERLABIALER ARTIKEL MIT EINER FALTENSTRUKTUR

Title (fr)

DISPOSITIF INTERLABIAL ABSORBANT A STRUCTURE PLISEE

Publication

EP 1011572 A1 20000628 (EN)

Application

EP 97953404 A 19971223

Priority

- US 9723770 W 19971223
- US 77892597 A 19970103

Abstract (en)

[origin: WO9829075A1] Absorbent devices, and more particularly absorbent devices that are worn interlabially by female wearers for catamenial purposes, incontinence protection, or both, are disclosed. The absorbent interlabial device of the present invention comprises a main absorbent portion comprising a pleated structure and a pair of flexible extensions joined to the main absorbent portion. The main absorbent portion comprises an upper portion, and a lower portion opposed to the upper portion. In use, the upper portion is positioned furthest inward into the space between the wearer's labia majora. The pair of flexible extensions extends downwardly and laterally outward from the upper portion of the main absorbent portion, and preferably is capable of maintaining contact with the inside surfaces of the wearer's labia majora when the wearer's body goes through a range of motions, including squatting. Additionally, the flexible extensions are preferably capable of covering the fingertips of the wearer as the absorbent device is inserted into the interlabial space.

IPC 1-7

A61F 13/15

IPC 8 full level

A61F 5/44 (2006.01); **A61F 13/15** (2006.01); **A61F 13/472** (2006.01); **A61F 13/82** (2006.01)

CPC (source: EP KR)

A61F 13/15 (2013.01 - KR); **A61F 13/47209** (2013.01 - EP); **A61F 13/82** (2013.01 - EP)

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)

WO 9829075 A1 19980709; AR 011346 A1 20000816; AT E236597 T1 20030415; AU 5715798 A 19980731; AU 740894 B2 20011115; BR 9714254 A 20000418; CA 2276485 A1 19980709; CA 2276485 C 20031007; CN 1246042 A 20000301; CN 1253132 C 20060426; CO 4910111 A1 20000424; DE 69720804 D1 20030515; DE 69720804 T2 20031113; EG 21564 A 20011231; EP 1011572 A1 20000628; EP 1011572 B1 20030409; HU P0000805 A2 20000828; HU P0000805 A3 20000928; IL 130692 A0 20000601; JP 2001508335 A 20010626; JP 4339407 B2 20091007; KR 100404263 B1 20031103; KR 20000069852 A 20001125; NO 993279 D0 19990701; NO 993279 L 19990830; PE 33899 A1 19990423; TR 199901531 T2 19991021; TW 368408 B 19990901; ZA 9813 B 19981002

DOCDB simple family (application)

US 9723770 W 19971223; AR P980100003 A 19980102; AT 97953404 T 19971223; AU 5715798 A 19971223; BR 9714254 A 19971223; CA 2276485 A 19971223; CN 97181754 A 19971223; CO 97075898 A 19971231; DE 69720804 T 19971223; EG 398 A 19980101; EP 97953404 A 19971223; HU P0000805 A 19971223; IL 13069297 A 19971223; JP 53016898 A 19971223; KR 19997006031 A 19990701; NO 993279 A 19990701; PE 00118997 A 19971231; TR 9901531 T 19971223; TW 87104017 A 19980318; ZA 9813 A 19980102